SBR No. 65/21-22
BA
DATED 31-3-22

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

EE/ELE/Y/BR.No 65/21-22 Date.....2010

Dt 31-3-22

No. 2nd ~~Original~~ bill

Division: ~~Electrical (yelahanka)~~

Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-~~007-20-000056~~**

Schedule Docket No. Head of Account : P-CODE:0287 021-19-000286 D.R.No. :

Name of Work:- Annual maintenance of electrical Equipments and maintenance of Crematorium at Medi Agrahara, Lakshmipura in Ward-No 11.

Name of Contractor and Full Address: M/s Shree Shanmukha engineers

Reference to Agreement No:EE(ele)/YZ/W.O/000019/2020-21 Date 18/06/2020

Supplymentary Work order No: EE(ele)/YZ/W.O/000008/2021-22 Date 01/02/2022

Certified that the measurements were taken by me on 21/3/22 and recorded of Pages 257064 to 257067 of measurement Book No. 2571/19-20 and that the work is satisfactorily executed.

For Shree shanmukha Engineers

S. Nagaraja

Proprietor

Contractor

21/3/22

Officer-in-charge of work

Certified that the measurement were taken by me on .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Bill: 325620=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	IT 1% 3256=00
3)	" Balance	LWC 1% 3256=00
4)	Deduct Payment:	EDF 1% 326=00
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	~~SGST 1% 3256=00~~
	b) Payments Now made cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	~~CGST 1% 3256=00~~
5)	Balance being unpaid value of work done held in reserve.	SGST 1% 3253=00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	CGST 1% 3253=00
7)	Net amount due to or from Contractor	unadjustments items.
8)	Advance to Contractor for materials brought to site (as detailed) within.	deductions: 13344=00
9)	Value of Government materials supplied.	Cheque = 312276=00
		Total amount adjusted

For Shree shanmukha Engineers

S. Nagaraja

Contractor's Signature

Proprietor

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness

1.

2.

For Shree shanmukha Engineers

Stamp

Dated Signature of Contractor

Proprietor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P0287.....

ರೂ: 325620=00 ಮಾತ್ರ ಮೊದಲಿನ ಮೊತ್ತ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: 312276=00 ನಿವ್ವಳ ಮೊತ್ತವಾಗಿದೆ

ರೂ: 13344 ಹೊಂದಾಣಿಕೆ ಮೊತ್ತವಿದೆ

Executive Engineer

Sl. No	Description	Unit
	Name Of Work:- Annual maintenance of electrical Equipments and maintenance of Crematorium at Medi Agrahara, Lakshmipura in Ward-No 11	
1	Licenced electrician with tools (Skilled) Rs.14640.60/Person/Month. Rs.14640.60*12=175687.20/Person/Year.KAE71LWA 2015 Dated 05-08-2016	Per Year
2	a).Helper (Electrical) (Semi-Skilled) Rs.12286.60/Person/Month. Rs.12286.60*12=147439.20/Person/Year.KAE71LWA 2015 Dated 05-08-2016	Per Year
3	Crematorium Watchman.Rs.12286.60/Person/Month. Rs.12286.60*12=147439.20/Person/Year.KAE71LWA 2015 Dated 05-08-2016	Per Year
4	Material components per day utilization a)soap oil	Ltrs
5	b)Phenyl	Ltrs
6	c)Air Freshner cakes	Each
7	d)Room Freshner	Ltrs
8	e)Checks cloth	Doz
9	f)Dust cloths	Doz
10	g)Mop cloth	Each
11	h)Soft broom	Each
12	i)Hard broom	Each
13	j)Road brush	Each
14	k)Urinal cakes	Each
15	l)HCL	Ltrs
16	Supplaying & Fixing of Coil holding bricks Vertical System115X115X300 mm	Each
17	Supplaying & Fixing of 3.5 KW Heating coils Made out of 5.8mm Thick 80/20 Grade nickel chromium wire. Heating Zone should be 950mm length, End terminal rod ss 304Grade 10mm dia 550mm Lenth suitable for Verticle mounting system in Electrical Furnace including Porcelin beeds spacers Supporting system Complet	Each
18	Supplaying & Fixing of Body laying with MCL 150X300X600mm	Each
19	Supplaying & Fixing of Body laying with MCL 150X300X600mm	Nos
20	Annual Maintenance of 180 KVA D.G. Set Existing A.M.C. including of labour charges only for replacing the spare parts and periodically checkup of D.G. AMF panel (Without operator)	Each
21	Supplying & Changing of B Check Kit for Engine.	Nos
22	Supplying & Changing of Alternator AVR.(Automatic Voltage Regulator)	Nos
23	Supplying & Changing of Alternator Rectifier	Nos
24	Supplying & Changing of Dynamo repair Kit such as Corbons, Bearings & Diode Etc..	Nos
25	Supplying & Changing of Batery terminals	Nos
26	Supplying & Fixing of Air filter	Nos
27	Supplying of Switch disconnector fuse unit (TPN) HRC type (but without HRC fuses). With AC-23A duty and as per IS-13947. 2) 125Amps	Each
28	Supplying and fixing HRC fuse link on existing switch fuse base with watt loss as per IS-13703. 3) 125Amps	Each
29	Supplying & Changing of Radiotor hose Kit (3 Nos)	Set
30	Supplying & Changing of Top cover gasket.	Nos
31	Servicing & cleaning of Scrubber, Scrubber duct Exhaust Blower & Duct Furnace to Chimny and cleaning of chimny (6 monts once)	Per Set
32	Accost - 50 Grade	Bag

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
11	161046.6	1	14640.60	14640.60	12	175687.20	
11	135152.6	1	12286.60	12286.60	12	147439.20	
11	135152.6	1	12286.60	12286.60	12	147439.20	
125	1375	24	11.00	264.00	149	1639.00	
180	9540	11	53.00	583.00	191	10123.00	
180	1260	15	7.00	105.00	195	1365.00	
45	5355	1	119.00	119.00	46	5474.00	
90	3420	7	38.00	266.00	97	3686.00	
51	1938	1	38.00	38.00	52	1976.00	
55	2915	1	53.00	53.00	56	2968.00	
45	675	4	15.00	60.00	49	735.00	
30	180	0	6.00	0.00	30	180.00	
25	2075	0	83.00	0.00	25	2075.00	
210	1260	25	6.00	150.00	235	1410.00	
135	810	8	6.00	48.00	143	858.00	
2	10564	19	5282.00	100358.00	21	110922.00	
4	112480	2	28120.00	56240.00	6	168720.00	
6	52896	9	8816.00	79344.00	15	132240.00	
4	35264	0	8816.00	0.00	4	35264.00	
0	0	1	33440.00	33440.00	1	33440.00	
2	4788	0	2394.00	0.00	2	4788.00	
1	7296	0	7296.00	0.00	1	7296.00	
1	2128	0	2128.00	0.00	1	2128.00	
1	2356	0	2356.00	0.00	1	2356.00	
2	406	0	203.00	0.00	2	406.00	
1	2188	0	2188.00	0.00	1	2188.00	
1	3845	0	3845.00	0.00	1	3845.00	
2	554	1	277.00	277.00	3	831.00	
1	1459	0	1459.00	0.00	1	1459.00	
1	1459	0	1459.00	0.00	1	1459.00	
4	30400	0	7600.00	0.00	4	30400.00	
1	1292	1	1292.00	1292.00	2	2584.00	

33	Fire crate super	Bag
34	Thermotex	Bag
35	Fire blanket : 128 Grade	Each
36	Plastic buckets 20 L capacity PWD Civil SR 2013-14	No
37	Plastic Mugs PWD Civil SR 2013-14	No
38	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.1.5 sqmm Page-5/2.3.2	Mtrs
39	4)4 sqmm Page-6/2.3.4	Per Mtr
40	Moulded Case Circuit Breaker (MCCB)Three Pole 160Amps 25kA Page-XIV/258	Each
41	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. KPWD ELE SR Page-25/5.7.3 100 Amps	Each
42	5) 200 AmpsKPWD ELE SR Page-25/5.7.5	Each
43	LED type panel board indicating lamp Page-XVI/427	Each
44	Copper Lugs 95 sq mm long barrel Page-XIX/567	Each
45	Copper Lugs 240 sq mm long barrel Page-XIX/571	Each
46	4 Pole Power Contactor with NO/NC Contactor. 4) 200 Amps Page-XIV/247	Each
47	4 Pole Power Contactor with NO/NC Contactor. 4) 60 to 70Amps Page-XIV/243	Each
48	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.50-63 Amps DP Page-27/5.17.6	Each
49	6-32 Amps DP	Each
	Total Rs	
	Add GST 12% on item No 38 to 49 Rs 46,091.00	
	Total Rs	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

1	2090	5	2090.00	10450.00	6	12540.00	
1	2356	0	2356.00	0.00	1	2356.00	
1	2394	0	2394.00	0.00	1	2394.00	
4	364	0	91.00	0.00	4	364.00	
5	110	0	22.00	0.00	5	110.00	
50	750	0	15.00	0.00	50	750.00	
90	3060	0	34.00	0.00	90	3060.00	
3	8892	1	2964.00	2964.00	4	11856.00	
3	795	0	265.00	0.00	3	795.00	
6	3228	0	538.00	0.00	6	3228.00	
6	1176	0	196.00	0.00	6	1176.00	
12	528	0	44.00	0.00	12	528.00	
6	840	0	140.00	0.00	6	840.00	
2	15230	0	7615.00	0.00	2	15230.00	
3	5745	0	1915.00	0.00	3	5745.00	
3	3087	0	1029.00	0.00	3	3087.00	
4	2760	0	690.00	0.00	4	2760.00	
	784934.80			**325264.80**		**1110199.60**	
2964	5530.92			355.68		5886.60	
	790465.72			**325620.48**		**1116086.20**	